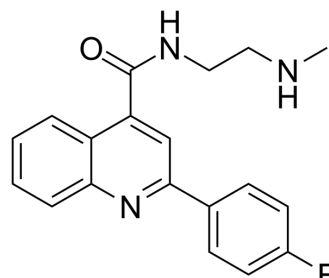


Viral 2C protein inhibitor 1

Cat. No.:	HY-146226
CAS No.:	1594427-18-5
Molecular Formula:	C ₁₉ H ₁₈ FN ₃ O
Molecular Weight:	323.36
Target:	Enterovirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Viral 2C protein inhibitor 1 (compound 6aw) is a potent and broad-spectrum enterovirus antiviral agent, inhibiting viral 2C protein. Viral 2C protein inhibitor 1 inhibits multiple strains of EV-D68, EV-A71 and CVB3 with EC₅₀s of 0.1~3.6 μM, and exhibits high selectivity index and relatively low cytotoxicity^[1].

IC₅₀ & Target

EC₅₀: 0.1~0.2 μM (EV-D68), 3.1 μM (EV-A71), 0.2 μM (CVB3)^[1]

REFERENCES

[1]. Musharrafieh R, et al. Development of broad-spectrum enterovirus antivirals based on quinoline scaffold. *Bioorg Chem.* 2020 Aug;101:103981.

Caution: Product has not been fully validated for medical applications. For research use only.

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